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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/080,952	02/21/2002	Samir Khazaka	010301	6579

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Qualcomm Incorporated
Patents Department
5775 Morehouse Drive
San Diego, CA 92121-1714

EXAMINER

DETWILER, BRIAN J

ART UNIT	PAPER NUMBER
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2173

DATE MAILED: 09/30/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/080,952	KHAZAKA, SAMIR	
	Examiner	Art Unit	
	Brian J. Detwiler	2173	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-59 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-59 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 February 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) * | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____. |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

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DETAILED ACTION

Duplicate Claims

Applicant is advised that should any of claims 5, 20, or 35 be found allowable, corresponding claims 6, 21, and 36 will be objected to under 37 CFR 1.75 as being substantial duplicates thereof. When two claims in an application are duplicates or else are so close in content that they both cover the same thing, despite a slight difference in wording, it is proper after allowing one claim to object to the other as being a substantial duplicate of the allowed claim. See MPEP § 706.03(k).

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 4, 5, 11-13, 19, 20, 26-28, 34, 35, 41-43, 49, 50, and 55-57 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 4, 5, 19, 20, 34, 35, 49, and 50 recite the limitation "said device display area". There is insufficient antecedent basis for this limitation in the claims. It appears that Applicant intended for claims 4 and 5 to depend on claim 2, for claims 19 and 20 to depend on claim 17, for claims 34 and 35 to depend on claim 32, and for claims 49 and 50 to depend on claim 47. In order to expedite prosecution, the examiner will examine the claims per applicant's perceived intent. Appropriate correction is required.

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Claims 11, 13, 26, 28, 41, 43, 55, and 57 recite the limitation "said user input area".

There is insufficient antecedent basis for this limitation in the claims. It appears that Applicant intended to recite "a user input area" instead of "a user interface area" in claims 10, 25, 40, and 54. In order to expedite prosecution, the examiner will examine the claims per applicant's perceived intent. Appropriate correction is required.

Claims 12, 27, 42, and 56 recite the limitation "said user display area". There is insufficient antecedent basis for this limitation in the claims. It appears that Applicant intended to recite "said user input area". In order to expedite prosecution, the examiner will examine the claims per applicant's perceived intent. Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 16, 31, and 46 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S.

Patent No. 6,493,743 (Suzuki).

Suzuki discloses in Figure 1 a communications device [1] operatively coupled to a host device [20]. Suzuki further discloses in column 5: lines 21-39 downloading an application from the host device [20] to the communication device [1] and executing the application on the

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communication device. Suzuki still further discloses in column 6: lines 50-61 providing a user interface for the application on said host device.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 2-10, 12-15, 17-25, 27-30, 32-40, 42-45, 47-54, and 56-59 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,493,743 (Suzuki) and U.S. Patent Application Publication 2001/0041973 (Abkowitz et al).

Referring to claims 2, 17, 32, and 47, Suzuki discloses the method and apparatus of claims 1, 16, 31, and 46 as explained above but fails to disclose providing a device display area in conjunction with said user interface. Abkowitz, however, discloses in Figure 1 a user interface [100] provided by a management device, which comprises a device display area [120] pertaining to an associated communication device. Abkowitz further explains in paragraphs 14 and 15 that his invention allows users to more conveniently view and change how information will be displayed on communication devices with limited or different display capabilities. Accordingly, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine Abkowitz's device display area with the Suzuki's user interface on a host device because the combination would have advantageously allowed users to view and modify how an application would have been displayed on a communication device with limited

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or different display capabilities.

Referring to claims 3, 18, 33, and 48, Abkowitz discloses in paragraph 31 that the device display area [120] is provided in a frame [130] of a web page [100]. Said web page is inherently displayed on display [712] of the management device [700] in Figure 7.

Referring to claims 4, 19, 34, and 49, Abkowitz discloses in Figure 1 that the device display area [120] corresponds in appearance to a mobile communication device.

Referring to claims 5, 6, 20, 21, 35, 36, and 50, Abkowitz discloses in Figure 5 that a graphics display area [550] is provided within said device display area [520].

Referring to claims 7, 22, 37, and 51, Abkowitz discloses in Figure 5 and further explains in paragraph 46 that output of an executing application is routed to the graphics display area [550].

Referring to claims 8, 23, 38, and 52, Abkowitz discloses in Figure 1 that the device display area [120] corresponds in appearance to a mobile communication device.

Referring to claims 9, 24, 39, and 53, Abkowitz discloses in paragraph 45 that the user can configure the display capabilities of the graphics display area.

Referring to claims 10, 25, 40, and 54, Abkowitz discloses in Figure 5 that a user interface area [550] is provided within said device display area [520].

Referring to claims 12, 27, 42, and 56, Abkowitz discloses in Figure 1 that the user input display area corresponds in appearance to a mobile communication device.

Referring to claims 13, 28, 43, and 57, Abkowitz discloses in paragraph 45 that the user can configure the layout of the user input area.

Referring to claims 14, 29, 44, and 58, Abkowitz discloses in paragraph 46 that the

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device display area is configured to mirror the display of said communication device.

Referring to claims 15, 30, 45, and 59, Abkowitz discloses in paragraph 46 that the device display area is configured to mirror the actions of said communication device.

Claims 11, 26, 41, and 55 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,493,743 (Suzuki) and U.S. Patent Application Publication 2001/0041973 (Abkowitz et al) as applied to claims 10, 25, 40, and 54 above, and further in view of U.S. Patent No. 6,587,125 (Paroz).

Suzuki and Abkowitz disclose the method and apparatus of claims 10, 25, 40, and 54 as explained above, but fail to disclose routing user input provided in the user input area to said communication device. Paroz, however, discloses in column 3: lines 48-67 and column 4: lines 1-2 a method and apparatus for controlling a first computing device from a second computing device wherein a user interface is generated on the second computing device that is logically equivalent to the user interface on the first computing device. The equivalent user interface then enables control of the first computing device in an intuitive manner by routing user input from the second computing device to the first computing device. Accordingly, it would have been obvious to one of ordinary skill in the art at the time the invention was made to route user input from a host device to a communication device as taught by Paroz in combination with the teachings of Suzuki and Abkowitz because it would have been beneficial to interact with the communication device using an equivalent but more accessible interface.

Conclusion

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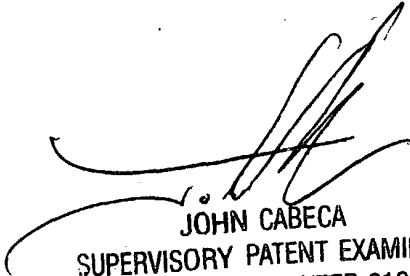
The prior art made of record on form PTO-892 and not relied upon is considered pertinent to applicant's disclosure. Applicant is required under 37 C.F.R. § 1.111(c) to consider these references fully when responding to this action. The documents cited therein teach alternate means for emulating and communicating with communication devices.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian J. Detwiler whose telephone number is 703-305-3986. The examiner can normally be reached on Mon-Thu 8-5:30 and alternating Fridays 8-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John W. Cabeca can be reached on 703-308-3116. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

bjd



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